

Date: Tue, 26 Jan 93 04:12:26 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #111  
To: Info-Hams

Info-Hams Digest                      Tue, 26 Jan 93                      Volume 93 : Issue 111

Today's Topics:

160 ant help!  
4N5 Callsigns  
757GXII Mars Mod  
CW Contests at Hamfests  
DXCC Desk Stats - 8 January 1993  
Finding PL Tones and McDonald's  
Ham Radio Causes Cancer  
illegals (was: Re: Radio Shack Business Band Radio)  
mfj swr meter info wanted  
Sensitive New Age Ham  
The state of Ham Radio  
WEFAX/PRESS PHOTOS

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: Mon, 25 Jan 1993 16:12:35 GMT  
From: yuma!gw214790@purdue.edu  
Subject: 160 ant help!  
To: info-hams@ucsd.edu

In article <1993Jan25.132445.4552@udel.edu> penneys@pecan.cns.udel.edu (robert penneys) writes:

>Need to put up simple 160 meter ant. Have about 30' up, 50 to 80' across.  
>Want to bring it into shack with coax, so as not to radiate into computers,  
>etc.  
>Tnx     Bob WN3K     FRC

Check the Feb 93 issue of 73 magazine. They have a 160m antenna that uses 300 ohm twinlead with an 85 foot section of RG-11 for matching.

73

Galen, KF0YJ

-----  
Date: Mon, 25 Jan 1993 10:24:34 -0500  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!crabapple.srv.cs.cmu.edu!andrew.cmu.edu!kp2a+@ames.  
Subject: 4N5 Callsigns  
To: info-hams@ucsd.edu

I have worked several 4N5 stations lately and I am confused about just what part of the (old) Yugoslavia they are in. In addition, YU5XTC handles cards for some of these stations. He is located in Stip, which is in Macedonia. Given that Macedonia is not recognized by the USA or Europe (because of objections from the Greek government), how do I address mail to Stip?

Thanks and 73.

Keith Poole (K7MOA/3)

-----  
Date: Mon, 25 Jan 1993 16:31:20 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!darwin.sura.net!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!ag821@network.UCSD.EDU  
Subject: 757GXII Mars Mod  
To: info-hams@ucsd.edu

Does anyone know the Mod for the Yaesu 757GXII do allow it to work the Mars freq?

Help will be greatly appreciated.

73s de Cookeville,TN

Jeff, AC4HF

--

Jeff M. Gold, AC4HF  
Manager, Academic Computing Support  
Tennessee Technological University

In article <14570588@hpnmdla.sr.hp.com> alanb@hpnmdla.sr.hp.com (Alan Bloom) writes:

This reminds me of my state of mind after the end of a 2 hour LF beacon hunting session, spent trying to dig longwave beacons out of heavy QRN: I could swear I heard CW coming out of the humidifier working nearby!!!

George Karayannopoulos N20W0  
karayan@cc.bellcore.com Bellcore, Red Bank, NJ  
Disclaimer: The opinions expressed here are mine and not my employer's.

Msg #335 From: WB1HBB Date: 24-Jan 1547Z Subj: DXCC Desk Stats-01/08/93

	Processed		Backlog	
	Cards	Applications	Cards	Applications
	-----	-----	-----	-----
12/11/92	14,103	152	244,372	3,336
12/20/92	14,774	183	237,226	3,252

12/28/92	9,409	119	233,751	3,209
01/08/93	4,018	71	238,846	3,241*

\* Vacation period

Current in process: As of 01/03 DXCC Desk was processing work received on August 3rd.

Outgoing mail: Mailing out work received during the period of June 15 to July 27th. There are 20 outstanding items on the backlog that were received prior to that period.

This report will be cumulatively posted each week for your information.

Warren Rothberg, WB1HBB  
New England Division Vice Director  
A.R.R.L.

--

Jim Reisert	Internet: reisert@mast.enet.dec.com
Digital Equipment Corp.	UUCP: ...decwrl!mast.enet.dec.com!reisert
146 Main Street - ML03-6/C9	Voice: 508-493-5747
Maynard, MA 01754	FAX: 508-493-0395

-----

Date: Mon, 25 Jan 1993 10:35:46 EST  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!psuvax1!psuvm!pjc130@network.UCSD.EDU  
Subject: Finding PL Tones and McDonald's  
To: info-hams@ucsd.edu

In article <C1BAto.1tv@ms.uky.edu>, johnr@mik.uky.edu (John S. Roberts, Jr.) says:

>I was just wondering how one would find out what PL tone a particular radio  
>setup was using. I have noticed that the local McDonald's drive thru  
window >radios do not suffer from intermod like mine does

The local McD's here do use a PL for their drivethru speaker, and the freq is on 154.600. In-house comms go on simplex on that freq. Speaker to cashier is on a VHF-Lo freq.

It is possible to find the PL by scanning the PL freqs and wait for them to transmit. That's how I found their speaker PL. (Of course, transmitting on each PL in turn will work, provided that you are licensed to use that freq, such as if you are trying to access a PL equipped repeater.)

-----  
Date: 25 Jan 93 17:55:00 GMT  
From: olivea!inews.Intel.COM!sousa.intel.com!jreece@ames.arpa  
Subject: Ham Radio Causes Cancer  
To: info-hams@ucsd.edu

In article <shl3cza@rpi.edu>, mellob@cary102.its.rpi.edu (Marvin) writes:

> There was an interesting article in Febuary, 93 Of Popular Electronics  
> about the effects of radio waves on biological stuff. It was very  
> informative. Although completely unfounded, I have always had a policy  
> about not going near antennae radiating high-power on very high  
> frequencies.

Unfounded? RF is known to heat tissue.

There have been a number of "reports" on the major TV news magazines and tabloid shows about electromagnetic fields in general, and RF in particular, causing cancer. It's hard to say how much there is in it, given how the media loves to peddle health and safety scares.

> I would be interested in any Information or articles  
> on this matter, or even books dealing with the topic. Please post  
> or e-mail.

RF tissue heating is mentioned in the various ARRL license manuals.

--  
John Reece "This lifeboat is full"  
Not an Intel spokesman

-----  
Date: 25 Jan 93 20:50:54 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!rphroy!link.ph.gmr.com!vbreaault@ames.arpa  
Subject: illegals (was: Re: Radio Shack Business Band Radio)  
To: info-hams@ucsd.edu

In article <FOROZCO.93Jan22173548@dante.nmsu.edu> forozco@nmsu.edu (OROZCO) writes:

Here is my story about Radio Shack and their 2m rig:

One day i went to get a serial port adapter for my computer, and when

i was waiting for the guy to go get it from the back of the store, I asked the other employee to let me see the 2 meter rig. He quickly took it out of the counter and handed it to me, without an antenna. Then, I said something like "Can I have the Antenna for the radio, I would like to see how the transmitter works". I was really suprised when the guy gave me the antenna and got the radio all set for me to transmit!! I did make one or two qso's on the local repeater (yes, I \*do\* have a license) and after the other guy came back with my adaptor, i returned the rig and told the guy something like "By the way, here is a copy of my ham radio license". Again, I was really surprised when the guy said "OK, but I don't really need to see that"! I don't think it's right to let anyone who comes into the store use a 2m rig (or any ham radio transmitter) just because he asks for it. I think that if someone wants to try out a rig, the Radio Shack people should at least request a copy of the ham radio license.

Don't fret too much Luis. The most harm you could have done, even if you were intentionally inclined to do so, would be to disrupt one QSO and/or annoy some listeners. Your reign of disruption would be short lived and short ranged. Remember: the RS employees are not FCC officials, nor are they OO's. They are MERCHANTS. They make their money by showing products to customers and answering their questions in a plesant manner.

While I agree that it would be NICE for them to mention the license requirement, I don't think that RS ought to REQUIRE that their sales people do so. After all, the FCC doesn't require it, why should RS?

Oh by the way... RS is the only vendor that I know of that mentions the requirement in all it's printed ads, in the instruction manual and even on the outside of the product box.

... so says the opinion of the only licensed amateur at RS #01-6358

--  
-val-

Val Breault - GM Research - vbreault@gmr.com - N80EF  
Instrumentation dept., 30500 Mound Rd., Warren, MI 48090-9055  
The opinions expressed by the author do not necessarily reflect  
those of GMR or those of the General Motors Corporation.

```
 \      /|  
  \    / |  
   \  /__|  
    \/_|__
```

-----  
Date: Mon, 25 Jan 1993 17:58:31 GMT  
From: ucselx!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!malgudi.oar.net!  
news.ysu.edu!yfn.ysu.edu!ag821@network.UCSD.EDU  
Subject: mfj swr meter info wanted

To: info-hams@ucsd.edu

In a previous article, fred-mckenzie@ksc.nasa.gov (Fred McKenzie) says:

>In article <1jpedfINN95i@master.cs.rose-hulman.edu>,  
>derry@NeXtWork.Rose-Hulman.Edu (John Derry) wrote:  
>> Does anyone out there have any firsthand info about the MFJ 160-m through  
>> 2-meter swr analyzer with digital freq readout?  
>

I have the MFJ analyzer with built in digital freq counter for HF (won't do 2 meters). I have used it to build at least 10 antennas and tune my Hustler. I have always loved to fool with antennas, but hated taking them down, trimming them, running in the house and then loading them up and testing again.

I find the MFJ analyzer accurate (enough for what i use it for). very easy to use, I find it much better to use than older methods of tuning antennas. YOu can turn the freq knob with no load on the antenna and see a better picture of what the SWR curve looks like on lots of differnt parts of the band. It also takes a lot of the tedious repetitive steps out of tuning antennas. I use mine with the batteries in the meter (no external power) and I am still on my first set of batteries.

Now a word about MFJ. I know how a lot of people feel about MFJ and their quality control may not be the best. I own the MFJ 20 meter QRP and love it. I use it mobile, backpacking and now have it sitting on my desk and use it more than my big rig. I liked it so much, I wrote an article on it and some other related items for Feb . QST.

It has a fairly good receiver and real good filtering. I had used it backpacking and mobile for a few months and left it out in my car (went down to the teens a few nights). I noticed some drifting, and the sidetone was acting strange. Isent it back to MFJ (cost \$5 to have them process). They immediately sent me a confirmation that they had received it and said it could take up to 4 weeks. This was right before Christmas. I had it back withing a week with details of exactly what they had done. I had one of the earlier models. It appears as if they updated the rig to the current model. They changed a bunch of components and put on a new top case and bigger speaker and realigned everything and got the power output up to 4 1/2 watts. It is working perfectly and I am very pleased with the way I was treated.

I also purchased a used 941C antenna tuner and it works fine.

73s De Cookeville,TN

Jeff, AC4HF

--

Jeff M. Gold, AC4HF

Manager, Academic Computing Support

Tennessee Technological University

-----  
Date: Mon, 25 Jan 1993 19:31:16 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!stanford.edu!CSD-  
NewsHost.Stanford.EDU!umunhum!paulf@network.UCSD.EDU

Subject: Sensitive New Age Ham

To: info-hams@ucsd.edu

The recent suggestions of sensitivity traning for Jay Maynard, along with a similar personal experience a few months ago, have led me to the conclusion that the good old days of net.ham-radio are OVER. Humorous attacks, personal or otherwise, are no longer welcome here. As Arty Choke put it, "fightin's out of style". So, to mourn the passage of a great institution, I present the song parody \_Sensitive New Age Ham\_.

No doubt this will put me in the USENET re-education camp for good.

{Note: The musical arrangement for "Sensitive New Age Guy" consists of a lead female vocal, backed with a male chorus. The chorus bits are enclosed in arrow braces <>.{

\_Sensitive New Age Ham\_ (to the tune of "Sensitive New Age Guy")

=====

He doesn't have, a big tower. <Sensitive New Age Ham>

He doesn't bug, the no-coders. <Sensitive New Age Ham>

He doesn't use, a speech clipper. <Sensitive New Age Ham>

He won't break in, a DX QSO. <Sensitive New Age Ham>

He doesn't frequent, Eighty Meters. <Sensitive New Age Ham>

He doesn't own, a morse code key. <Sensitive New Age Ham>

He won't mutate, his neighbor's children. <Sensitive New Age Ham>



He'll never use, a closed repeater. <Sensitive New Age Ham>

He doesn't laugh, at Jack Schmidling. <Sensitive New Age Ham>

He'll never tune, on a pileup. <Sensitive New Age Ham>

He never uses, Naughty Language. <Sensitive New Age Ham>

His basement shack, is neat and tidy. <Sensitive New Age Ham>

He doesn't speak, in Q-signals. <Sensitive New Age Ham>

He always uses, minimum power. <Silence>

Hey! What gives? <Well, we don't!>

He QSLs, one hundred percent. <Sensitive New Age Ham>

His coax is, nonpolluting. <Sensitive New Age Ham>

He's never used, a tree for dipoles. <Sensitive New Age Ham>

He keeps in stock, a highpass filter. <Sensitive New Age Ham>

He never posts, a flame to USENET. <S-e-n-s-i-t-i-v-e New Age Ham...>

--Paul Flaherty, N9FZX | "My boy, we are pilgrims in an unholy land."  
->paulf@Stanford.EDU | -- Dr. Henry Jones Sr.

--

--Paul Flaherty, N9FZX | "My boy, we are pilgrims in an unholy land."  
->paulf@Stanford.EDU | -- Dr. Henry Jones Sr.

-----  
Date: Mon, 25 Jan 1993 15:50:57 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!linus!linus.mitre.org!mwvm.mitre.org!  
m14494@network.UCSD.EDU  
Subject: The state of Ham Radio  
To: info-hams@ucsd.edu

Jack, K4FRS writes:

> Reallocation of spectrum space...  
> Ham radio is extremely vulnerable  
> from a technical perspective. We are nowhere near "state of the art"...

> Each of the new

> consumer/wireless communications schemes which comes along will want a  
> chunk of spectrum about the size of a ham band.... Is anyone else  
concerned about all this?

You bet. Our society is changing, and placing more and more value on telecommunications. Many of our frequency bands, especially UHF and higher, may come to be considered too valuable to give them to a hobby group. This has been a on-going trend; remember that at one time, we had everything below 200 meters. But as soon as the hams showed everyone that these frequencies were valuable, they took them back. This will continue, as the commercial value of the bands exceeds the value society places on ham radio. Put yourself in the position of the FCC: should you leave the 900 MHz band to the hams, who hardly use it at all, or should you give to the cellular carriers, thereby creating billions of dollars of business revenue, taxes, and jobs?

I think we should go down fighting, but I'm very pessimistic about the future of the UHF and higher bands.

Mike, N4PDY

\*\*\*\*\*  
\* These are my opinions only.\*  
\*\*\*\*\*

-----  
  
Date: 25 JAN 93 10:54:53  
From: pa.dec.com!engage.pko.dec.com!nntpd.lkg.dec.com!ryn.mro4.dec.com!  
fccvde.enet.dec.com!klimasewski@decwrl.dec.com  
Subject: WEFAX/PRESS PHOTOS  
To: info-hams@ucsd.edu

This might interest those that have a Satellite dish.

Over the weekend I was successful in copying wefax pictures (S3 ch17 @1.88 and 1.93MHz) and Press Photos on K2.

The demodulator and software is made by SOFTWARE SYSTEMS CONSULTING, called WEFAX/GOES. It consists of a piece of hardware that connects to the end of an RS232 cable. The hardware has two cables with 1/8th plugs. One for HF fax and the other for VHF. This plugs into the ext. speaker jack.

I connected the descrambler output port of my receiver which is a 0-8MHz video output port to the rf input port of a shortwave receiver that has an FM mode and tuned in the freq range of 1.88MHz,1.93MHz (S3) and 4.020MHz (K2).

Pictures looked great! Has anyone else tried this using a TVR0??

Ken

-----  
Date: Mon, 25 Jan 1993 16:00:17 GMT  
From: munnari.oz.au!spool.mu.edu!uwm.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!  
howland.reston.ans.net!sol.ctr.columbia.edu!news.columbia.edu!  
cunib.cc.columbia.edu!baw2@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <kd1hz.1@anomaly.sbs.com>, <1993Jan25.004759.10521@wam.umd.edu>,  
<C1E2nJ.G8D@anomaly.sbs.com>  
Reply-To : baw2@cunib.cc.columbia.edu (Bruce A Weisberg)  
Subject : Re: Real NoCodes

In article <C1E2nJ.G8D@anomaly.sbs.com> n1mpq@anomaly.sbs.com (Tony Pelliccio)  
writes:

>adam@wam.umd.edu (Adam L. Greenberg) writes:  
>  
>>I'm sorry, but FUCK YOU seems to be the only appropriate response.  
>  
>>I've never done any of those things.  
>  
>>I'm a nice person but don't piss me off.  
>  
>>Mr. High and mighty, stay on HF. We appreciate the over here on 2m.  
>  
>>--N3NKI  
>  
>And with attitudes like yours, that is exactly why we want to get the fuck  
>OUT of 2m. Grrrrrrrrrr.....  
>  
>Tony Pelliccio  
>n1mpq/aa Control Operator for 2x2ARA, Providence, RI  
>And yes, my 2x2 call is on the way, thank gh0d! I'd hate to be associated  
>with a no-code N#xxx call like yours. Eeeewww!

One reason I enjoy ham radio so much is the intelligence and maturity  
of the operators.

Bruce  
KA2TYX/AG

-----  
Date: Mon, 25 Jan 1993 19:54:00 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!uwm.edu!zaphod.mps.ohio-  
state.edu!darwin.sura.net!ukma!miles@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <93019.100909K3006E1@ALIJKU11.BITNET>,  
<1993Jan23.074535.23365@uxmail.ust.hk>, <C1E4zu.LIn@feenix.metronet.com>s  
Subject : Re: ?? TH78 or C558 ???

marcbg@feenix.metronet.com (Marc Grant) writes:

>I don't know if you can purchase the Yeasu FT-530 there, but it is a  
>better value than the TH-78. It has excellent sensitivity and the speaker  
>audio is much clearer than the TH-78. It can also receive the 900 MHz band  
>with a simple modification.

>73

>Marc Grant

Amateur Call: N5MEI

And speaking of value, the Alinco DJ580T beats em both.  
I am quite pleased with mine. Small, loaded with features  
and priced right.  
Does the TH78 have a backlit keypad? The DJ580 does.  
I paid \$360 for mine.

-----  
Date: 25 Jan 93 12:26:10 MDT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cc.usu.edu!slmdj@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <kd1hz.1@anomaly.sbs.com>, <1993Jan25.004759.10521@wam.umd.edu>,  
<C1E2H5.G3G@anomaly.sbs.com>\$  
Subject : Re: Real NoCodes... ?????

In article <C1E2H5.G3G@anomaly.sbs.com>, kd1hz@anomaly.sbs.com (Michael P.  
Deignan) writes:

> adam@wam.umd.edu (Adam L. Greenberg) writes:

>

>>I'm sorry, but FUCK YOU seems to be the only appropriate response.

>

> Yup, the typical CB-transplant response.

>

>

>>I've never done any of those things.

>

> I never said >YOU< did. But, no-codes in this area have. In fact, I've got

```

> a new one:
>
>
> Real no-codes think "home-brewing" means the no-code whom they're
> going to "have an eyeball with" will be making the mocha-java, so
> there is no need to pick some up on the way over.
>
>
>>I'm a nice person but don't piss me off.
>
> Why? Do you go around cutting coax on people you don't like?
>
>
>>Mr. High and mighty, stay on HF. We appreciate the over here on 2m.
>
> Nah, we stay on our private UHF repeater.
>
> MD
> --
> -- Michael P. Deignan, KD1HZ
> -- Domain: mpd@anomaly.sbs.com
> -- UUCP: ...!uunet!anomaly!mpd
> -- Telebit: +1 401 455 0347

```

```

-----
- I'm not a bigot, -
- I hate everyone... -
-----
          ^^^^^^^^^^| ^^^^^^^
                      |
WHAT???  -----|

```

Although I do not currently have any sort of ham license... :-( I am studying for one of those \*GASP!!!\* No-Code licenses you apparently abhor! (No regrets... PERIOD!) I am friends with several who have this type of license, and in listening with them, I find NONE of these sick lines you seem to be fostering..... Yes, it is obvious you "hate everyone" but please, keep it to yourself!

Just my \$20.00 worth on this subject!

```

--
*****
    Paul Cowley      * ..."It's easier said than done." And if you don't
    ==EE Undergrad== * believe it, try proving that it's easier done than
    Utah State University * said and you'll find that 'it's easier said than
    C/A1C CAP Utah Wing * easier done than said" than it is done.' Which really
    slmdj@cc.usu.edu    * proves that it's easier said than done.
*****

```

-----

Date: Mon, 25 Jan 93 19:17:32 GMT

From: elroy.jpl.nasa.gov!orchard.la.locus.com!prodnet.la.locus.com!  
lando.la.locus.com!dana@decwrl.dec.com  
To: info-hams@ucsd.edu

References <1993Jan20.172331.22208@VFL.Paramax.COM>,  
<C16D2x.M6p@unccsun.uncc.edu>, <1jmk7mINN2qd@network.ucsd.edu>.la.locu  
Subject : Re: Consider this about roof mounted mobile antennas...

In article <1jmk7mINN2qd@network.ucsd.edu> brian@ucsd.edu (Brian Kantor) writes:  
>

>Motorola uses a special NMO with super-low-loss Teflon/silver coax for  
>their 900 MHz radios. If you're going to be running 450 MHz in the car,  
>you might well invest it one of those instead of the plain coax model  
>that the typical ham store carries. Your local two-way shop will probably  
>have some in stock. They'll even do the install for you if you like.

I agree with Brian. However, I'd like to caution the average ham against  
going into your local (commercial) two-way shop and acting like a ham.  
Most two-way shops deal with commercial customers who don't hassle over  
every little thing, and don't waste a lot of the shop's time on something  
they decide not to buy. In other words, call the shop and ask for a quote  
on what you want. If you don't like the quote, call another shop and shop  
around. But don't hang on the phone BSing, don't play up the public service  
thing about ham radio, and don't try to squeak the last penny out of the  
price. You'll just irritate the people at that shop and they won't want to  
hassle with you.

--

\* Dana H. Myers KK6JQ | Views expressed here are \*  
\* (310) 337-5136 | mine and do not necessarily \*  
\* dana@locus.com DoD #466 | reflect those of my employer  
\*  
\* This Extra supports the abolition of the 13 and 20 WPM tests \*

-----  
End of Info-Hams Digest V93 #111  
\*\*\*\*\*